

In the Claims:

[[We]] I claim:

1. (Currently Amended) For use in a viscous material dispenser, a piston comprising
 - a. unitary body of circular cross section including
 - [[I]] i. spaced face and back surfaces;
 - ii. an axial ~~through~~ bore extending between the surfaces
 - iii. the face surface including a nose section surrounding said ~~through~~ bore and an annular recess section surrounding the nose section, the recess section being perimateraly surrounded by a lip;
 - iv. a perimetal surface extending axially from the face to the back surface; and
 - v. the perimetal and face surfaces together defining a perimetal lip around the concave section, the lip being of tapering thickness tapering from its thickest part at a location nearest the back surface forwardly to a thin termination at a juncture of the face and perimetal surfaces
 - b. an annular disc positioned in the annular recess section; and
 - c. the disc including a peripheral surface coactable with the lip to transmit comprising forces against the lip and thence against a surrounding wall of a cylinder where the piston is in use.
2. (Original) The pistons of claim 1 wherein the lip flares outwardly as it intends in a forward direction relative to the force and back surfaces.

3. (Currently Amended) For use in a viscous material dispenser, a piston comprising a unitary body of circular cross section including:

- a. spaced face and back surfaces;
- b. an axial ~~through~~ bore extending between the surfaces;
- c. the bore including a counterbore extending from the back surface toward the face surface;
- d. the bore a shoulder, the shoulder being an annular drive section circumscribing the bore and adapted to engage a push rod in force transmitting relationship;
- e. the face surface including a nose section surrounding said bore and an annular recess section surrounding the nose section;
- f. a perimeteral surface extending axially from the face to the back surface;
- g. the perimeteral and face surfaces together defining a perimeteral lip around the recess section, the lip being of tapering thickness tapering from its thickest part at a location nearest the back surface forwardly to a thin termination at a juncture of the face and perimeteral surfaces; and
- h. an annular disc disposed in the recess section and engageable when in use with the lip, in outward force transmitting relationship to press the lip against an internal wall of a surrounding dispenser tube.

4. (Original) The piston of claim 3 wherein the lip flares outwardly in a direction from said location toward said juncture.

5. (Original) The piston of claim 3 wherein the piston is a plastic piston.

6. (Original) The piston of claim 5 wherein the plastic is Delran.

7. (Currently Amended) For use in a viscous material dispenser, a piston assembly comprising;

- a. a main body having an axial bore for receipt of a push rod;
- b. the body having a face including an annular recess and ~~a~~ an endless lip surrounding the recess;
- c. a camming washer disposed at least in the part in the recess, the washer including a perimeteral camming surface engageable with the lip; and,
- d. the body and washer being connected together for limited relative axial movement when the piston assembly is advanced against material in a cartridge to dispense such material,

such relative movement being effective to cause the camming surface to force the lip outwardly into tight engagement with a wall of such cartridge.

8. (Original) In combination, the piston assembly of claim 7 and a motor drive push rod.

9. (New) The piston assembly of claim 7, wherein said camming washer includes a an outwardly tapering thickness such that said washer is thickest at its perimeter.

10. (New) The piston assembly of claim 7, wherein said camming washer is made from a metal.

11. (New) The piston assembly of claim 7, wherein said camming washer is made from a polymer.

12. (New) The piston assembly of claim 7 further including an elastic member placed between said camming washer and said body.

13. (New) The piston of claim 1, wherein said annular disc includes an outwardly tapering thickness such that said disc is thickest at its perimeter.

14. (New) The piston of claim 1, wherein said annular disc is made from a metal.

15. (New) The piston of claim 1, wherein said annular disc is made from a polymer.

16. (New) The piston of claim 1 further including an elastic member placed between said annular disc and said body.

17. (New) The piston of claim 3, wherein said annular disc includes an outwardly tapering thickness such that said disc is thickest at its perimeter.

18. (New) The piston of claim 3, wherein said annular disc is made from a metal.
19. (New) The piston of claim 3, wherein said annular disc is made from a polymer.
20. (New) The piston of claim 3 further including an elastic member placed between said annular disc and said body.
21. (New) The piston of claim 7, wherein said lip is continuous.